

REMARKS/ARGUMENTS

This paper is in response to the Final Office Action dated June 6, 2005.

Original claims 1, 2, 3, 6, 7, 8, 10, and 11 are canceled.

Claims 4, 5, 9 and 12-25 are pending in the application.

Claims 4, 5, 9, and 12-25 stand rejected due to a defective oath. Specifically, the claims are rejected because the oath does not recite the error upon which reissue request is based. Applicant submits herewith a revised declaration. Exhibit A.

Claim 4 is objected to because "injection position" is repeated. Claim 4 has been amended to delete the repeated text.

The courtesies extended applicants' undersigned attorney during a personal interview on or about May 20, 2005 are appreciatively acknowledged.

CONCLUSION

In view of the above, each of the presently pending claims in this application is believed to be in immediate condition for allowance. Accordingly, the Examiner is respectfully requested to withdraw the outstanding rejection of the claims and to pass this application to issue.

Applicant believes no fee is due with this response. However, if a fee is due, please charge our Deposit Account No. 06-2375, under Order No. HO-P02233US0 from which the undersigned is authorized to draw.

Dated: September 15, 2005

Respectfully submitted,

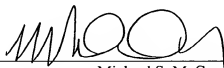
By 

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I do hereby certify that a copy of the Response to Final Office Action Dated 06/15/2005, in a manner provided in 37 CFR 1.248, is being deposited with the United States Postal Service on September 15, 2005, addressed to:

Cynthia G. Seal
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Michael S. McCoy



09/15/15

PTO/SB/21 (09-04)

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TRANSMITTAL FORM <i>(to be used for all correspondence after initial filing)</i>	Application Number	90/005,708
	Filing Date	April 24, 2000
	First Named Inventor	Thomas C. Gipson
	Art Unit	3672
	Examiner Name	George Suchfield
Total Number of Pages in This Submission	Attorney Docket Number	HO-P02233US0

ENCLOSURES (Check all that apply)

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SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm Name	FULBRIGHT & JAWORSKI LLP		
Signature			
Printed name	Michael S. McCoy		
Date	September 15, 2005	Reg. No.	46,913

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Michael S. McCoy

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Docket No.: HO-P02233US0
(PATENT)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of:
Thomas C. Gipson

Application No.: 90/005,708

Group Art Unit: 3672

Filed: April 24, 2000

Examiner: George Suchfield

For: METHOD AND APPARATUS FOR
INJECTIONS COILED TUBING IN WELLS

RESPONSE TO FINAL OFFICE ACTION DATED JUNE 15, 2005

Box After Final

Commissioner for Patents
Washington, DC 20231

Dear Sir:

In response to the Final Office Action dated June 15, 2005, please amend the above-identified U.S. patent application as follows:

Amendments to the Claims are reflected in the listing of claims which begins on page 2 of this paper.

Remarks/Arguments begin on page 4 of this paper.

AMENDMENTS TO THE CLAIMS

4. (Fifth amended) [The apparatus of claim 1 wherein] An apparatus for injecting coiled tubing into a hole in the earth's surface comprising:

a frame having a front end and a back end;

opposed bullnose arms mounted to said frame,

a tubing storage spool removably mounted to said bullnose arms, said tubing storage spool having said coiled tubing stored thereon;

an injector reel rotatably mounted to said frame; and

a drive mechanism attached to said injector reel to rotate said injector reel;

wherein said bullnose arms are vertically adjustable to accept varying tubing storage spool diameters

[wherein said second tubing injecting position positions said injector reel above said front end of said frame, and said coiled tubing exits said apparatus at an angle less than 90.degree. to said surface].

12. (Previously presented) The apparatus of claim 4, wherein said bullnose arms are horizontally adjustable to accept varying spool widths.

13. (Previously presented) The apparatus of claim 4, further comprising a hold down assembly mounted around a portion of the circumference of said injector reel for exerting a pressure against said coiled tubing.

14. (Previously presented) The apparatus of claim 13, wherein said injector reel is moveable from a first stored position to a second operative position, and said pressure is exerted over more than 90° of said injector reel when said injector reel is in said second operative position and said coiled tubing is directed between said hold down assembly and said circumference of said injector reel to provide positive engagement of said tubing by said injector reel when said injector reel is rotated to pull said tubing off of said tubing storage spool or return said tubing to said tubing storage spool.

15. (Previously presented) The apparatus of claim 13, wherein said hold down assembly comprises:

multiple spindle brackets, said brackets having a spindle connected to said spindle bracket; a roller rotatably connected to said spindle, the roller having a groove; and a tension adjuster for adjusting the tension of the roller against said coiled tubing.

16. (Previously presented) The apparatus of claim 4, wherein said injector reel is moveable from a first stored position to a second operative position, and said second position

positions said injector reel above said front end of said frame, and said coiled tubing exits said apparatus at an angle less than 90° to said surface.

17. (Previously presented) The apparatus of claim 4, further comprising a mast pivotally mounted on said frame, wherein said injector reel is rotatably mounted to the frame via the mast.

18. (Previously presented) The apparatus of claim 4, further comprising a mast pivotally mounted on said frame, wherein said frame is pivotally moveable in a vertical direction.

19. (Previously presented) The apparatus of claim 17, wherein said injector reel is moveable from a first stored position to a second operative position.

20. (Previously presented) The apparatus of claim 4, wherein each bullnose arm having a bullnose assembly for engagement with said storage spool.

21. (Previously presented) The apparatus of claim 4, wherein said injector reel is moveable from a first stored position to a second operative position.

22. (Previously presented) The apparatus of claim 4, further comprising a tubing straightener mechanism attached to said injector reel.

23. (Previously presented) The apparatus of claim 4, wherein the drive mechanism comprises:

a hydraulic motor; and

a spool drive socket interconnected to said hydraulic motor via a chain drive or belt.

24. (Previously presented) The apparatus of claim 23, wherein the drive mechanism further comprises an adjustable idler to vary the length of the drive mechanism to accommodate various diameter spools.

25. (Previously presented) The apparatus of claim 13, wherein the pressure against said tubing is performed by varying the pressure of one or more rollers of said hold down assembly against said coiled tubing.

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